



RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1632

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S/N 09/051,034

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MCKENZIE ET AL	Examiner:	P. BRUNOVSKIS
Serial No.:	09/051,034	Group Art Unit:	1632
Filed:	MARCH 31, 1998	Docket No.:	30562.6USWO
Title:	IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC GLYCOSYLTRANSFERASE		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 30, 2001.

By: Kristine A. Wach  
Name: Kristine A. Wach

AMENDMENT AND RESPONSE

Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Final Office Action mailed January 30, 2001, Applicants submit the following Amendments and Remarks.

IN THE CLAIMS

Please amend claims 1-3, 5-15, 17-19, 23 and 24 and cancel claims 16 and 25 and add new claims 26-29 as follows:

Sub F 1. (AMENDED) A nucleic acid encoding a chimeric enzyme, wherein said chimeric enzyme comprises a catalytic domain of a first glycosyltransferase and a localization signal of a different glycosyltransferase, said localization signal comprising a cytoplasmic tail of said different glycosyltransferase, whereby said nucleic acid is expressed in a cell wherein said chimeric enzyme is located in a cell compartment or organelle where it is able to compete for substrate with the different glycosyltransferase and wherein the different glycosyltransferase is located in the same compartment or organelle as said chimeric enzyme, resulting in reduced

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